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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/065,872	11/26/2002	Wilbur Ernest Harrison		5273

34341 7590 10/06/2003

WILBUR E. HARRISON, JR.
226 STONEWALL ROAD
CATONSVILLE, MD 21228-5443

EXAMINER

WOOD, KIMBERLY T

ART UNIT	PAPER NUMBER
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3632

DATE MAILED: 10/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/065,872

Applicant(s)

HARRISON, WILBUR ERNEST

Examiner

Kimberly T. Wood

Art Unit

3632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) 1-3,5 and 6 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 1 & 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Art Unit: 3632

This is the first office action for serial number 10/065,872, entitled Harrison Free Standing Towers And Missile Defense System, filed on November 26, 2002 in response to election filed on September 19, 2003.

*Information to Pro Se Inventors
Regarding responses to Office Actions*

Arrangement of the Specification

The following order or arrangement is preferred in framing the specification and, except for the reference to "Microfiche Appendix" and the drawings, each of the lettered items should appear in upper case, without underlining or bold type, as section headings. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) Title of the Invention.
- (b) Cross-References to Related Applications.
©Statement Regarding Federally Sponsored Research or Development.
- (d) Reference to a "Microfiche Appendix" (see 37 CFR 1.96).
- (e) Background of the Invention.
 - 1. Field of the Invention.
 - 2. Description of the Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) Brief Summary of the Invention.
- (g) Brief Description of the Several Views of the Drawing(s).
- (h) Detailed Description of the Invention.
- (I) Claim or Claims (commencing on a separate sheet).
- (j) Abstract of the Disclosure (commencing on a separate sheet).
- (k) Drawings.
- (l) Sequence Listing (see 37 CFR 1.821-1.825).

Applicant is advised on how to arrange the content of the specification.

Content of Specification

- (a) Title of the Invention: See 37 CFR 1.72(a). The title of the invention should be placed at the top of the first page of the specification. It should be brief but technically

Art Unit: 3632

accurate and descriptive, preferably from two to seven words.

- (b) Cross-References to Related Applications: See 37 CFR 1.78 and MPEP § 201.11.

©Statement Regarding Federally Sponsored Research and Development: See MPEP § 310.

- (d) Reference to a "Microfiche Appendix": See 37CFR 1.96© and MPEP § 608.05. The total number of microfiche and the total number frames should be specified.

- (e) Background of the Invention: The specification should set forth the Background of the Invention in two parts:

(1) Field of the Invention: A statement of the field of art to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions of the subject matter of the claimed invention. This item may also be titled "Technical Field."

(2) Description of the Related Art: A description of the related art known to the applicant and including, if applicable, references to specific related art and problems involved in the prior art which are solved by the applicant's invention. This item may also be titled "Background Art."

- (f) Brief Summary of the Invention: A brief summary or general statement of the invention as set forth in 37 CFR 1.73. The summary is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.

- (g) Brief Description of the Several Views of the Drawing(s): A reference to and brief description of the drawing(s) as set forth in 37 CFR 1.74.

Art Unit: 3632

(h) Detailed Description of the Invention: A description of the preferred embodiment(s) of the invention as required in 37 CFR 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. This item may also be titled "Best Mode for Carrying Out the Invention." Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent or readily available publication which adequately describes the subject matter.

(I) Claim or Claims: See 37 CFR 1.75 and MPEP § 608.01(m). The claim or claims must commence on separate sheet. (37 CFR 1.52(b)). Where a claim sets forth a plurality of elements or steps, each element or step of the claim should be separated by a line indentation. There may be plural indentations to further segregate subcombinations or related steps.

(j) Abstract of the Disclosure: A brief narrative of the disclosure as a whole in a single paragraph of 250 words or less on a separate sheet following the claims.

(k) Drawings: See 37 CFR 1.81, 1.83-1.85, and MPEP § 608.02.

(l) Sequence Listing: See 37 CFR 1.821-1.825.

If applicant continues to prosecute the application, revision of the specification and claims to present the application in proper form is required. While an application can be amended to make it clearly understandable, no subject matter can be added that was not disclosed in the application as originally filed.

Art Unit: 3632

Attachment to Office Action: Information to Pro Se Inventors Regarding responses to Office Actions

INTRODUCTION

An examination of this application reveals that applicant may be unfamiliar with patent prosecuting procedure. While an inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed.

Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application. The value of a patent is largely dependent upon skillful preparation and prosecution. Although the services of a registered patent attorney or agent is advised, the Office cannot aid in selecting an attorney or agent. 37 C.F.R. § 1.31; M.P.E.P. § 401. However, Applicant is encouraged to peruse the publication entitled "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

DISCUSSION

The following discussion provides general information for Applicant's benefit regarding an applicant's response, new matter, the period for response, and the certificate of mailing.

I. Response by Applicant

Art Unit: 3632

The applicant MUST respond to every ground of rejection and objection made in an Office action. 37 C.F.R. § 1.111. The applicant will generally present arguments that the examiner's rejections or objections were made in error; or amend the specification, drawings, and/or claims to overcome the rejection or objection. Amendments to the application may not introduce new matter. 37 C.F.R. § 1.118.

Unless the Office explicitly requests the return of a paper, all papers mailed to the applicant are intended to be kept by the applicant for his own records. The response must be signed by ALL applicants. 37 C.F.R. § 1.33. The response must be identified by the Serial Number of the Application, the Art Unit, and the name of the examiner. An example follows:

Appl. No. : XX/YYY,YYY
Applicant : James Q. Inventor
Filed: April 19, 2003
Title : Bucket with Handle
Art Unit: 3632
Examiner:: John Doe

A. Arguments

Should the applicant disagree with the examiner's position, the applicant should distinctly and specifically point out the supposed errors in the examiner's action with arguments under the heading "Remarks" in the response. 37 C.F.R. § 1.111. In addition, the applicant must discuss the references cited by the examiner that explain how the claims avoid the references or patentably distinguish from them. *Id.*

Art Unit: 3632

B. Amendments to the Specification

An amendment to the specification may remove a rejection or objection. Any amendment to the specification must be presented as a list of additions and deletions, referring to the passages in question by page and line numbers. 37 C.F.R. § 1.121.

An amendment to the specification should appear as follows:

Please replace the paragraph beginning at page 5, line 15, with the following rewritten paragraph:

I -In the construction of the bucket of this invention, various materials have been selected and which offer a number of diverse properties and allow for varied functions of the article. For caustic solutions, the bucket can be made of a durable polymer plastic material. Where an aesthetic appeal is desired, the bucket can be any ~~of~~ one of many attractive colors. The following listing of properties serves to define possible uses for the buckets.-

Please add the following new paragraph after the paragraph ending on line 20 of page 6:

-- An optional feature of the articles of the invention is the addition of a tetrafluoroethylene coating to the bucket to provide protection from any contents which might be caustic. The coating can be provided to the surface during the manufacturing process or can be added in a later step.--

C. Amendments to the Claims

An amendment to the claim may remove a rejection or objection. This listing of claims will replace all prior versions, and listings, of claims in the application:

Art Unit: 3632

Listing of Claims:

Claims 1-4 (canceled)

Claim 5 (original): A bucket with a black handle.

Claim 6 (original): A bucket of claim 5 wherein the handle is metal.

Claim 7 (withdrawn)

Claim 8 (currently amended): A bucket made of yellow green plastic.

Claim 9 (previously amended): A bucket made of aluminum-coated galvanized metal.

Claim 10 (previously added): A bucket having a circumferential upper lip.

Claim 11 (new): A plastic bucket having a blue handle.

D. Drawing Corrections

Finally, correction of the drawings may remove a rejection or objection. Changes to the drawings are submitted as proposed drawing corrections and can be made only with permission of the Office. 37 C.F.R. § 1.123. Proposed drawing corrections should be filed with the response, but should be a separate paper. M.P.E.P. § 608.02(r). The proposed corrections should appear in red ink in the drawings. M.P.E.P. § 608.02(v).

II. New Matter

As previously mentioned, no amendment to the specification, claims, or drawings may introduce new matter. 37 C.F.R. § 1.118.

Art Unit: 3632

"New matter" constitutes any material which meets the following criteria:

- (1) It is added to the disclosure (either the specification, the claims, or the drawings) after the filing date of the application, and
- (2) It contains new information which is neither included nor implied in the original version of the disclosure. This includes the addition of physical properties, new uses, etc.

See M.P.E.P. § 706.03(o). For example, in the amendment to the claim discussed above, the new limitation of "four legs" would not constitute new matter if the specification or drawings originally described the inclusion of four legs on the chair.

III. Period For Response

An Office action generally sets a time period in which the applicant has to respond to every rejection and objection (called a shortened statutory period). 37 C.F.R. § 1.134. This time period for response appears on the cover letter (form PTO-326) of the Office action. Usually, a 3 month shortened statutory period is set. M.P.E.P. § 710.02(b). The applicant's response must be received within the time period listed on the cover letter, or the application will be held abandoned. 37 C.F.R. § 1.135.

Currently, the Office allows the time period for response to be extended past the shortened statutory period up to a maximum of 6

Art Unit: 3632

months (called the maximum 6 month statutory period). In order to extend the period of response past the shortened statutory period, a request for an extension of time and payment of the appropriate fee is required. 37 C.F.R. § 1.136. The request must state that it is for "an extension of the period for response under 37 C.F.R. § 1.136(a)." The following table lists the required fees for extensions of the shortened statutory period:

Months Past Response Date	Fee Due (Small / Large Entity)
Response within Time Allowed	None / None
1	\$55 / \$110
2	\$205 / \$410
3	\$465 / \$930
4	\$725 / \$1,450
5	\$985 / \$1,970

It is important to note that no extension of time is permitted that extends the period for response past the maximum 6 month statutory period. Responses received after the maximum 6 month statutory period will be held abandoned. 37 C.F.R. § 1.135.

Three examples are provided:

Example 1:

A complete response is filed four months and one day after the mailing date of an Office action. The Office action sets a 3 month

Art Unit: 3632

shortened statutory period for response. The response must be accompanied by a fee in the amount of \$205 (for a small entity); \$410 for a large entity) for a 2 month extension of time. The response must also contain a statement requesting "an extension of the period for response under 37 C.F.R. § 1.136(a)."

Example 2:

A complete response is filed five months and one day after the mailing date of an Office action. The Office action sets a 2 month shortened statutory period for response. The response must be accompanied by a fee in the amount of \$725 (for a small entity); \$1,450 for a large entity) for a 4 month extension of time. The response must also contain a statement requesting "an extension of the period for response under 37 C.F.R. § 1.136(a)."

Example 3:

A complete response is filed six months and one day after the mailing date of an Office action. The Office action sets a 3 month shortened statutory period for response. The response is held abandoned even if accompanied by a fee and a request for an extension of time. Remember, extensions of time may not be used to extend the period for response past the maximum 6 month statutory period. 37 C.F.R. § 1.135.

IV. Certificate of Mailing

To ensure that the Applicant's response is considered timely filed, it is advisable to include a "Certificate of Mailing" on at

Art Unit: 3632

least one page of the response. See 37 C.F.R. § 1.8. This

"Certificate" should consist of the following statement:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant signature

Date

CONCLUSION AND CAVEAT

The above discussion is not intended to be an exhaustive list of all the topics that may be relevant to this particular Application. The information was provided to familiarize Applicant with the portions of a response that have historically caused problems for *pro se* inventors.

Furthermore, even if Applicant's response is in accordance with the information provided above, there is no guarantee that every requirement of the patent laws (35 U.S.C. §§ 1-376), patent rules (37 C.F.R. §§ 1.1-150.6), and Patent Office policy (M.P.E.P. §§ 101-2591) has been met. The adequacy of a response is determined on a case-by-case basis. See 37 C.F.R. § 1.111; M.P.E.P. § 714.02.

Art Unit: 3632

It appears that the applicant in this application is a *pro se* applicant (an inventor filing the application alone without the benefit of a Patent Attorney or Agent). Applicant may not be aware of the preferred methods of ensuring timely filing of responses to communications from the Office and may wish to consider using the Certificate of Mailing or the Certificate of Transmission procedures outlined below.

CERTIFICATE OF MAILING

To ensure that the Applicant's mailed response is considered timely filed, it is advisable to include a "certificate of mailing" on at least one page (preferably on the first page) of the response. This "certificate" should consist of the following statement:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on (date).

(Typed or printed name of the person signing this certificate)

(signature)

CERTIFICATE OF TRANSMISSION

Alternatively, if applicant wishes to respond by facsimile rather than by mail, another method to ensure that the Applicant's response is considered timely filed, is to include a "certificate of transmission" on at least one page (preferably on the first page) of the response. This method should be used by foreign applicants without access to the U.S. Postal Service. This "certificate" should consist of the following statement:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703)____-____ on (date).

(Typed or printed name of the person signing this certificate)

(signature)

These "Certificates" may appear anywhere on the page, and may be handwritten or typed. They must be signed, and the date must be the actual date on which it is mailed or transmitted.

For the purpose of calculating extensions of time, the date shown on the certificate will be construed as the date on which the paper was received by the Office, regardless of the date the U.S. Postal Service actually delivers the response, or the fax is "date-stamped" in. In this way, postal or transmission delays do not affect the extension-of-time fee.

In the event that a communication is not received by the Office, applicant's submission of a copy of the previously mailed or transmitted correspondence showing the **originally** signed Certificate of Mailing or Transmission statement thereon, along with a statement from the

Art Unit: 3632

person signing the statement which attests to the timely mailing or transmitting of the correspondence, would be sufficient evidence to entitle the applicant to the mailing or transmission date of the correspondence as listed on the Certificate of Mailing or Transmission, respectively.

NOTICE TO APPLICANT: In the case of lost or late responses the use of other "receipt producing" forms of mailing a correspondence to the Patent Office, such as Certified Mail, or a private shipper such as FedEx, **WILL NOT** result in the applicant getting the benefit of the mailing date on such receipts. These receipts are not considered to be acceptable evidence since there is nothing to "tie-in" the receipt with the particular document allegedly submitted.

Detailed Action

Election/Restrictions

Applicant's election without traverse of Invention/Group 4 being claim 4 in Paper No. 8 is acknowledged.

Claims 1-3, 5, and 6 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Invention, there being no allowable generic or linking claim. Election was made **without** traverse in Paper No. 8.

The numbering of claims is not in accordance with 37 CFR 1.126 which requires the original numbering of the claims to be preserved throughout the prosecution. When claims are canceled, the remaining claims must not be renumbered. When new claims are presented, they must be numbered consecutively

Art Unit: 3632

beginning with the number next following the highest numbered claims previously presented (whether entered or not).

Misnumbered claim (additional claim 1 filed on January 8, 2003) has been renumbered claim 7.

The applicant submitted an additional claim numbered 7 on January 18, 2003 which is withdrawn from further consideration pursuant to 37 CFR 1.142 (b) as being drawn to a nonelected Invention.

Response to Applicant's attachments/amendments

The substitute specification filed January 1, 2003 and the amendments filed on December 9, 2002 have not been entered because it does not conform to 37 CFR 1.125(b) and (c) because: the specification does not show the new additions to the specification and/or claims using the required format as indicated above in **section B. Amendments to the specification.**

Information Disclosure Statement

The information disclosure statement filed December 9, 2002 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each U.S. and foreign patent; each publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been

placed in the application file, but the information referred to therein has not been considered.

The information disclosure statement filed December 9, 2002 fails to comply with 37 CFR 1.98(a)(3) because it does not include a concise explanation of the relevance, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of the information. It has been placed in the application file, but the information referred to therein has not been considered.

Drawings

The subject matter of this application admits of illustration by a drawing to facilitate understanding of the invention. Applicant is required to furnish a drawing under 37 CFR 1.81. No new matter may be introduced in the required drawing.

Applicant is given a TWO MONTH time period to submit a drawing in compliance with 37 CFR 1.81. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). Failure to timely submit a drawing will result in **ABANDONMENT** of the application.

An examination of this application reveals that applicant is unfamiliar with patent prosecution procedure. While an

Art Unit: 3632

inventor may prosecute the application, lack of skill in this field usually acts as a liability in affording the maximum protection for the invention disclosed. Applicant is advised to secure the services of a registered patent attorney or agent to prosecute the application, since the value of a patent is largely dependent upon skilled preparation and prosecution. The Office cannot aid in selecting an attorney or agent.

Applicant is advised of the availability of the publication "Attorneys and Agents Registered to Practice Before the U.S. Patent and Trademark Office." This publication is for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claim 4 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art

Art Unit: 3632

to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The applicant has not described how the gyroscopes, tower vertical support members, radar antennas, equipment, or elevators will work together to complete the free standing towers. The applicant has not described what elements will be used to make the gyroscopes, tower vertical support members, radar antennas, equipment, or elevators used in the invention.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 4 is rejected as failing to define the invention in the manner required by 35 U.S.C. 112, second paragraph.

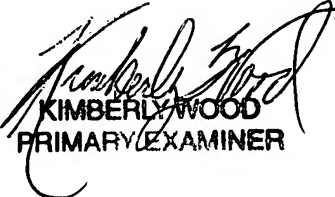
The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only.

Art Unit: 3632

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly Wood whose telephone number is (703) 308-0539. The examiner can normally be reached on Monday-Thursday from 7:30 AM to 5:00 PM. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-2168. The fax number for an Official Amendment or Response is (703) 872-9306. The fax number for an Unofficial Amendment or Response is (703) 308-3519.

Kimberly Wood
Primary Examiner
September 20, 2003



KIMBERLY WOOD
PRIMARY EXAMINER